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NPIC/R-1007/62  
February 1962

PHOTOGRAPHIC INTERPRETATION REPORT

*Mission  
Folder*

## MISSION COVERAGE INDEX

MISSION  100  
13 JANUARY 1962

25X1



ARMY



NAVY

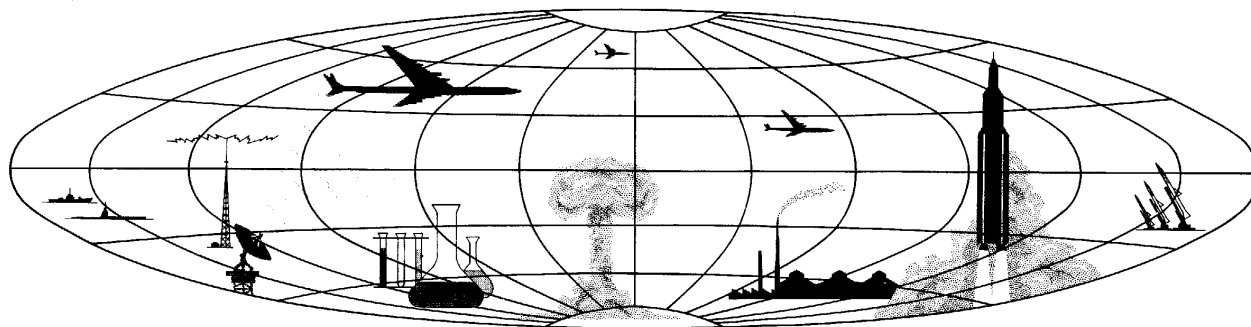


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## PREFACE

This Mission Coverage Index (MCI) represents the interpretation of aerial photographic material [redacted] The MCI furnishes a listing of intelligence targets covered by Mission [redacted] 100. Items in the listing are arranged by (1) WAC area, and (2) coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For the convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed (1) by category, and (2) alphabetically by place name.

The user of this MCI is cautioned that the scan of photography from Mission [redacted] 100 was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photographic analysis. Consequently, although the information presented herein is essentially accurate, future detailed analysis may somewhat alter portions of the information.

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### SUMMARY

Mission  100, accomplished on 13 January 1962, covered portions of Communist China. Scattered to heavy clouds severely restrict the interpretability of much of the mission photography.

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Installations of special interest covered on the mission were the Shuang-Cheng-Tzu Missile Test Center and the Shuang-Cheng-Tzu Airfield. Coverage of the missile test center is oblique and of very good quality. Quality of coverage of the airfield is excellent. The city of Lan-Chou appears only on distant obliques, and is not interpretable.

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25X1

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
-CHINA-				
SHUANG-CHENG-TZU AREA, AIRFIELD 4 NM SSE OF MAIN SUPPORT BASE, SHUANG-CHENG-TZU MISSILE TEST CENTER. APPROXIMATELY 7,000 X 270 FT E/W GRADED EARTH RUNWAY, APPEARS INACTIVE, BUT SERVICEABLE. AIRCRAFT -- NONE OBSERVED.	4055N 10015E	0287		1-B
SHUANG-CHENG-TZU AIRFIELD 40 NM SW OF MAIN SUPPORT BASE AT THE SHUANG-CHENG-TZU MISSILE TEST CENTER. 13,500 X 270 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. PARALLEL CONCRETE TAXIWAY WITH 5 CROSSOVER LINKS. ALERT APRONS AT BOTH ENDS OF RUNWAY. POL AREA AND UNIDENTIFIED RAIL-SERVED STORAGE AREA LOCATED 2 NM NE OF RUNWAY. COMPLETE ILS. TWO LARGE COMMUNICATIONS CENTERS AND RADAR SITE. SUPPORT AREA INCLUDES A DRIVE-THROUGH HANGAR, RAIL-SERVED REPAIR/SUPPLY BUILDINGS, AND A LARGE HOUSING/ADMINISTRATION AREA. AIRCRAFT -- 5 FAGOT/FRESCO, 2 BEAGLE, 1 COLT	4021N 09947E			1-C
SHUANG-CHENG-TZU AREA, RAILROAD LINE OPERATIONAL RAIL LINE EXTENDS SW ALONG O-CHI-NA-HO (RIVER) VALLEY FROM SHUANG-CHENG-TZU MISSILE TEST CENTER, VIA SHUANG-CHENG-TZU AIRFIELD, TOWARD LAN-CHOU/URUMCHI	4105N 10015E	0287		1-D

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>RAILROAD. JUNCTION AT APPROXIMATELY 40-00N 099-00E, EXACT LOCATION CANNOT BE DETERMINED DUE TO OBLIQUITY.</p> <p>[REDACTED]</p>				
<p>SHUANG-CHENG-TZU MISSILE TEST CENTER</p> <p>THE CENTER IS COMPOSED OF 3 SSM LAUNCH COMPLEXES, INSTRUMENTED SAM LAUNCH AREA, LARGE MAIN SUPPORT BASE WITH THERMAL POWER PLANT, SSM SUPPORT AREA, SAM/SSM ASSEMBLY AREA, AND 2 REVETTED STORAGE AREAS.</p> <p>[REDACTED]</p>	4107N 10020E	[REDACTED]		1
<p>SHUANG-CHENG-TZU AREA, RAIL SPUR EXTENDS SE FROM THE MAIN SUPPORT BASE AT THE SHUANG-CHENG-TZU MISSILE TEST CENTER FOR APPROXIMATELY 50 NM TO APPROXIMATELY 40-45N 101-20E. A SMALL CAMP CONTAINING APPROXIMATELY 12 BUILDINGS IS LOCATED AT END OF TRACK.</p> <p>[REDACTED]</p>	4107N 10020E	0287		1-G
<p>SHUANG-CHENG-TZU AREA, BARRACKS AREA APPROXIMATELY 50 NM NNE OF THE SHUANG-CHENG-TZU MISSILE TEST CENTER. APPROXIMATELY 100 BARRACKS-TYPE BUILDINGS AND AN ADMINISTRATION BUILDING. POSSIBLE</p>	4207N 10103E	0287		1-E

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1	LANDING STRIP LOCATED JUST SW OF BARRACKS AREA. [REDACTED]				
25X1	SHUANG-CHENG-TZU AREA, POSSIBLE AIRSTRIAP APPROXIMATELY 50 NM NNE OF THE SHUANG-CHENG-TZU MISSILE TEST CENTER. NNE/SSW NATURAL SURFACE RUNWAY. SCALE AND OBLIQUITY PRECLUDE FURTHER INTERPRETATION. AIRCRAFT -- NONE. [REDACTED]	4207N 10103E	0287		1-F
25X1	PAO-TOU TO LAN-CHOU RAILROAD RAIL LINE OBSERVED FROM APPROXIMATELY 37-55N 105-52E TO 38-24N 106-13E. SINGLE TRACK, OPERATIONAL. [REDACTED]	4036N 11003E	0288		14
25X1	HSI-NING AIRFIELD 4.6 NM SE OF HSI-NING. 6,800 X 230 FT NW/SE ASPHALT RUNWAY, SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED]	3633N 10159E	[REDACTED]	25X1	5-B
25X1	HSI-NING COMPLEX APPROXIMATELY 5 SQ MI IN AREA. SW PORTION OF CITY PARTIALLY OBSCURED BY CLOUDS. INDUSTRIAL, TRANSPORTATION, AND AGRICULTURAL CENTER, CONTAINING SEVERAL INDUSTRIAL AREAS, RAILYARD AND SHOPS. [REDACTED]	3637N 10155E			5
25X1	HUANG-YUAN COMPLEX APPROXIMATELY ONE SQ MI IN AREA. COMMERCIAL AND TRANSPORTATION CENTER. [REDACTED]	3640N 10113E			9

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>25X1</p> <p>[REDACTED]</p> <p>OBLIQUITY PRECLUDES FURTHER INTERPRETATION.</p>				
<p>CHANG-YEH AREA, AIRFIELD U/C</p> <p>11 NM SE OF CHANG-YEH.</p> <p>2 PARALLEL, OFFSET, CONCRETE RUNWAYS UNDER CONSTRUCTION. APPROXIMATELY 6,900 X 190 FT NW/SE RUNWAY, NEARING COMPLETION. SECOND RUNWAY IN EARLY STAGES OF CONSTRUCTION. FACILITIES, POL AREA, AND COMMUNICATIONS SITE WITH AT LEAST 10 MASTS UNDER CONSTRUCTION. SERVED BY RAILSPUR FROM LAN-CHOU/URUMCHI RAILROAD.</p> <p>25X1</p> <p>AIRCRAFT -- NONE OBSERVED.</p>	3850N 10040E	0332		1-B
<p>[REDACTED]</p> <p>25X1</p> <p>KAO-CHAI-TZU, POL STORAGE</p> <p>IN KAO-CHAI-TZU, 5 NM EAST OF CHANG-YEH. WALLED POL STORAGE, WITH 9 LARGE TANKS, 36 SMALL TANKS, AND 16 STORAGE-TYPE BUILDINGS, RAIL SERVED.</p>	3856N 10045E	0332		25
<p>25X1</p> <p>[REDACTED]</p> <p>CHANG-YEH AIRFIELD</p> <p>APPROXIMATELY ONE NM EAST OF CHANG-YEH. AIRFIELD IS ABANDONED, RETURNED TO AGRICULTURE.</p> <p>25X1</p> <p>AIRCRAFT -- NONE OBSERVED.</p>	3859N 10039E		25X1	1
<p>[REDACTED]</p> <p>SHAN-TAN AREA, MINING ACTIVITY</p> <p>ALONG RAILSPUR FROM LAN-CHOU/URUMCHI RAILROAD, SSW OF SHAN-TAN FOR 10 NM. AT LEAST 6 SHAFT-TYPE MINING AREAS, FOUR LARGE HOUSING SETTLEMENTS. THREE PROCESSING</p>	3845N 10115E	0332		7-A

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
AREAS, ONE FENCED. POWER PLANT AND SURFACE MINING. [REDACTED]			25X1	
SHAN-TAN AIRFIELD APPROXIMATELY .5 NM EAST OF SHAN-TAN. 4,900 X 280 FT NNW/SSE NATURAL-SURFACE RUNWAY. DRAINS AND ROAD ACROSS RUNWAY, APPEARS ABANDONED. AIRCRAFT -- NONE OBSERVED. [REDACTED]	3846N 10120E			7
HENG-TANG-CHEN COMPLEX SMALL URBAN COMPLEX WITH TWO POSSIBLE ORE PROCESSING PLANTS. [REDACTED]	3620N 10256E	0383		14-E
LAN-CHOU COMPLEX IDENTIFICATION ONLY. [REDACTED]	3602N 10346E		25X1	3-A
LAN-CHOU/URUMCHI RAILROAD RAIL LINE OBSERVED FOR APPROXIMATELY 200 NM FROM CHIU-CHUAN AREA (39-40N 098-50E) TO WU-WEI AREA (38-10N 102-20E). SMALL 7 TRACK RAILYARD AT KAO-CHAI-TZU (38-56N 100-45E) [REDACTED] [REDACTED] SMALL 3 TRACK RAILYARD NORTH OF SHAN-TAN (38-46N 101-15E) [REDACTED] [REDACTED]	3603N 10341E	0383		3-P
		25X1		
		25X1		
LAN-CHOU/LHASA RAILROAD U/C SECTION OF RAIL LINE FROM LAN-CHOU WEST TO CHANG-NING-PAO (36-48N 101-43E) APPEARS	3607N 10325E	0383		29

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<div>25X1</div> <div></div> <p>WU-WEI AIRFIELD 7.5 NM NW OF WU-WEI. 2 PARALLEL OFFSET NW/SE CONCRETE RUNWAYS, PROBABLY SERVICEABLE, CONNECTED BY CONCRETE CROSSOVER. SCALE AND OBLIQUITY PRECLUDE MEASUREMENT. HOUSING/SUPPORT AREA SOUTH OF RUNWAYS. AIRCRAFT -- NONE.</p>	3750N 10226E		25X1	5
<div>25X1</div> <p>TZU-HU COMPLEX 40 NM NW OF YIN-CHUAN. EXTENSIVE EXPANSION AROUND OLD WALLED CITY. SEVERAL ADDITIONAL WALLED AREAS CONTAIN NUMEROUS MILITARY-TYPE BARRACKS.</p>	3856N 10540E	0383		33
<div>25X1</div> <p>TSAI-CHIA-LING AREA, MINING ACTIVITY JUST WEST OF TSAI-CHIA-LING. PROBABLE SHAFT MINING AREA WITH ASSOCIATED SUPPORT FACILITIES CONTAINING A POSSIBLE ORE PROCESSING PLANT AND 19 UNIDENTIFIED BUILDINGS. HOUSING AREAS LOCATED NE AND SW OF MINES.</p>	3804N 10645E	0383		32
<p>YEN-SHIH AREA, UNIDENTIFIED INDUSTRY 14 NM NE OF YEN-SHIH. RAIL-SERVED SMALL UNIDENTIFIED INDUSTRY WITH ASSOCIATED HOUSING. HAZE PRECLUDES FURTHER</p>	3447N 11303E	0385		35

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<div>25X1</div> <div>INTERPRETATION.</div> <div></div>				
<div>25X1</div> <div>AMOY TO YING-TAN RAILROAD</div> <div>RAIL LINE OBSERVED FROM 26-09N 117-30E TO 26-23N 117-44E. SINGLE TRACK. OPERATIONAL</div> <div></div>	2427N 11805E	0498		3
<div>25X1</div> <div>SAN-YUAN COMPLEX</div> <div>COMPLEX HAS EXPANDED ALONG SHA-CHI RIVER TO JOIN TOWN OF MEI-LIEH. 60 PERCENT CLOUD-COVERED. IRON AND STEEL PLANT, STORAGE AREAS, AND RAIL FACILITIES.</div> <div></div>	2615N 11737E		25X1	67
<div>25X1</div> <div>NAN-PING TO MA-WEI RAILROAD</div> <div>OPERATIONAL SINGLE-TRACK RAIL LINE OBSERVED FROM 26-09N 119-08E TO 26-07N 119-18E. UNFINISHED ROADBED FROM FU-CHOU (26-05N 119-18E) TO MA-WEI (25-59N 119-26E).</div> <div></div>	2638N 11810E	0498		36-B
<div>25X1</div> <div>MA-WEI NAVAL BASE AND SHIPYARD</div> <div>AT LEAST 100 BUILDINGS, SHIPYARD FACILITIES INCLUDE GRAVING DOCK, BUILDING WAYS AND FITTING PIER. VESSELS -- NUMEROUS SMALL CRAFT AND SEVERAL CARGO-TYPE VESSELS.</div> <div></div>	2559N 11926E		25X1	12-B
<div>25X1</div> <div>NAN-TAI AIRFIELD</div> <div>3 NM SOUTH OF NAN-TAI.</div>	2600N 11919E		25X1	13

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1 6,400 X 200 FT E/W CONCRETE RUNWAY. SUPPORT AREA CONTAINS 2 HANGARS, ONE SHOP- TYPE BUILDING, AND SEVERAL BARRACKS, WAREHOUSE AND ADMINISTRATION-TYPE BUILDINGS. AIRCRAFT -- 22 FAGOT/FRESCO AND ONE COLT. <div></div>				
25X1 AIRCRAFT IN FLIGHT UNDETERMINED NUMBER OF FAGOT/FRESCO-TYPE AIRCRAFT IN FLIGHT OBSERVED ON FOLLOWING <div></div>				

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APPENDIX  
EXPLANATION OF COLUMN HEADINGS  
AND PHOTO REFERENCES

City, Installation -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

Coordinates -- Coordinates are given to the nearest minute. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers -- The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0153-1 and an NPIC target numbered 0154-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

A photo reference is provided for every item in the target listing. The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.

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